

FEDERAL ITEM IDENTIFICATION GUIDE

HOLDERS, SUPPORTS AND BRACKETS, ELECTRICAL AND ELECTRONIC

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

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c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
BRACE, CROSSARM	02940	AA

An item specifically designed to provide reinforcement for a crossarm when mounted on a pole.

Bracket

1. (Mechanical) An item of rigid construction which is attached to and projects from a main body, for the purpose of sustaining a secondary item in a predetermined suspended position, relative to the main body.

BRACKET ASSEMBLY, RESISTOR #	61600	KA
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A pair of preshaped rigid metal items usually made of flat material formed to a 90 degree angle. They are intended to be placed at opposite ends of, and are designed with mounting holes to position, support, or otherwise hold an electrical resistor by means of a machine screw or threaded rod and nut. May also include insulating, flat, and/or lock washers, as required.

BRACKET (1), INSULATOR	04464	DA
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An item designed to be attached to a supporting surface for the specific purpose of positioning and sustaining an electrical insulator(s). Includes brackets specifically designed for transposing electrical lines.

BRIDLE RING	19466	EC
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A metal item having an open eye on one end and a wood screw, or machine thread on the opposite end. The machine thread item may be furnished with a nut or toggle attachment. It is designed for running twisted pair, bridle or parallel drop wires on building walls, fences, poles, and the like. For similar items having a drive nail end, see DRIVE RING. Excludes HOOK, SUPPORT.

Clamp

1. (Mechanical) A device which, by rigid compression, holds a piece or part in position, or retains units in close proximity or parts in alignment. Its compression quality is derived from an integral screw mechanism, screws, bolts, spring compression or similar mechanical fasteners. Excludes BRACKET (as modified); CLIP (as modified); HOLDER (as modified); RETAINER (as modified); and STRAP, RETAINING.

CLAMP (1), ELECTRICAL CONDUCTOR, STRAIN	17235	AB
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A clamp designed to support and/or dead end a suspended conductor(s). Must have a provision for attachment to an insulator. Insulator is not included. Excludes HANGER, WIRE STRAND.

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
HANGER, CABLE	02941	EA
A metallic or nonmetallic item of various shapes, designed to position, suspend, support and/or secure electrical cable(s) to utility poles, bulkheads, messenger wires or other supporting surfaces. It may be fastened to the structure by means of rod(s), bolt(s), screw(s), and the like. Excludes CLAMP (as modified); HANGER, WIRE STRAND; BRACKET PIPE; and SUPPORT, ELECTRICAL CABLE.		
HANGER, LIGHTING FIXTURE	08095	FA
An item designed to suspend a lighting fixture from a conduit fitting or other wiring facility. Do not use for flexible conduit assembly designed to function as a hanger.		
HANGER, WIRE STRAND	13732	AC
A metallic item, grooved to fit a wire strand such as a messenger strand, and designed to be attached to a utility pole or other supporting surface for the purpose of horizontally suspending and firmly securing the wire strand. See also HANGER, CABLE and CLAMP, ELECTRICAL CONDUCTOR, STRAIN. Excludes BRACKET, PIPE.		
Holder		
1. (Electrical-Mechanical) A device specifically designed to accommodate and position another item, to facilitate quick replacement of the item held. Do not use if a more specific name is applicable. Excludes BRACKET (as modified); CLAMP (as modified); CLIP (as modified); and RETAINER (as modified).		
HOLDER, BALANCE WEIGHT	60599	CA
An item designed to accommodate one or more balance weights. It is generally mounted on another item by means of screws, studs, welding or the like. The item may be of structural design or completely enclosed.		
HOLDER (1), ELECTRODE	15241	AD
Excludes HOLDER, ELECTRODE, WELDING.		
HOLDER (1), PHOTOELECTRIC CELL	14233	AE
HOLDER, QUARTZ CRYSTAL	00197	JA
An item designed to mechanically and electrically accommodate one or more crystal plates. It may include integral facilities for temperature control and/or capacitor(s). See also HOLDER, SEMICONDUCTOR DEVICE.		
HOLDER (1), RESISTOR	14230	BA
An item designed primarily to mechanically and/or electrically accommodate one or more resistors in such a way that they may be readily inserted or removed. For items in which the resistors are to be mounted by using screw type terminals or solder lugs, see TERMINAL BOARD. If the holder will accommodate either fuses or resistors, use item name FUSEHOLDER. For items designed to accommodate lamp base type resistors, see LAMPHOLDER and LAMPHOLDER ASSEMBLY.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
HOLDER, SEMICONDUCTOR DEVICE	20762	HA
An item designed to mechanically and electrically accommodate and position a SEMICONDUCTOR DEVICE (as modified), installed in a coaxial line or waveguide system for use as a nonlinear circuit element microwave application. Excludes ADAPTER (as modified) and RETAINER, SEMICONDUCTOR DEVICE.		
HOOK, UNDERGROUND CABLE RACK	08414	AF
A rigid item designed to be perpendicularly attached to an underground cable rack to be used as the supporting arm for cables. May include insulators.		
HOUSING (2), ELECTRONIC COMPONENTS	42132	AD
A housing specifically designed to surround or inclose, in addition to supporting and aligning electronic components classified in more than one class. It may provide mounting facilities for external and/or internal components and may be either single or multiple piece construction.		
HOUSING, MODEM COMMUNICATIONS	47758	AD
The outer casing designed to protect and support the operating mechanisms of a MODEM, COMMUNICATIONS.		
HOUSING, PROTECTIVE, CAMERA	47005	AD
An item specifically designed to enclose and/or protect a television camera, video camera and the like. It may include mounting facilities for additional components. It may or may not be of multi-piece construction. For items designed to cover photographic cameras see COVER, CAMERA, WEATHER PROTECTIVE.		
PIN, INSULATOR	02942	EB
An item designed to be inserted into a crossarm for the specific purpose of mounting pin type electrical insulators. Excludes BRACKET, INSULATOR.		
RING ASSEMBLY, ELECTRICAL CONTACT	00313	GA
Two or more electrical contact rings on a common mounting or mounted on each other. May include contacts, integral brushes, brush holder assemblies, and connectors.		
Support		
1. A structural device which holds a part or group of parts in proper position and bears the stress imposed by the parts. Excludes items primarily designed to mount and support for the purpose of damping shock and/or vibration.		
SUPPORT (1), BAROGRAPH	03918	CA

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
SUPPORT (1), ELECTRICAL CABLE	03919	CA
A collapsible framework specifically designed to be placed on the ground to hold electrical cable above the ground surface. Excludes BRACKET, PIPE.		
SUPPORT (1), HYDROGEN GENERATOR	03920	CA
SUPPORT (1), PRECIPITATION GAGE	03921	CA
SUPPORT (1), PSYCHROMETER	03922	CA
SUPPORT (1), THERMOMETER	03923	CA
SUPPORT (1), WIND DIRECTION AND SPEED DETECTOR	03924	CA

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	<u>AA</u>	<u>AB</u>	<u>AC</u>	<u>AD</u>	<u>AE</u>	<u>AF</u>
NAME	X	X	X	X	X	X
MATL	X	X	X	X	X	X
SURF	AR	AR	AR	AR	AR	AR
ADYY	AR	AR	AR	AR	AR	AR
APGF	X	X	X			
ABSX					X	
ALGC				AR	AR	
AGBC					X	
ABHP	X	X		AR		X
ADAV	AR	AR		AR		
ABKW	AR	AR		AR		
ABMK	AR	AR		AR		X
ADUM	AR	AR		AR		X
AQAN		X				
AAKV		AR				
AGTM		AR				
AQCE		AR				
ABTJ	X		X			
AAMA	AR		AR			
ABTH	AR		AR			
BLJP		AR				
BLJQ		X				
BBSN			X			
AHHS			AR			
BMCF			AR			
BLJR			AR			
BLJS			X			
FEAT	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR
AWJN	AR	AR	AR	AR	AR	AR
MARK	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR

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ZZZV	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR

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BA

NAME	X
BLJT	X
AGUK	AR
BLJW	AR
AESH	X
BLJX	X
SURF	AR
BLJY	AR
AMDA	AR
ABHP	AR
ABMK	AR
ABKW	AR
AARA	AR
AARB	AR
AXGY	X
ALGC	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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NAME	X
ARQS	X
MATL	X
SURF	AR
HUES	AR
HGTH	X
AAXX	AR
BLJZ	AR
AYFN	AR
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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DA

NAME	X
MATL	X
SURF	AR
ACVG	X
BLKB	X
ABUJ	AR
AJYP	AR
ABHP	AR
ADAV	AR
ABMK	AR
ABKW	AR
AXGY	X
ALGC	AR
AXPP	X
AGRC	AR
BLKC	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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	<u>EA</u>	<u>EB</u>	<u>EC</u>
NAME	X	X	X
APGF	X	X	
ATYC	AR	AR	
ANNQ	X	X	
ANNR	AR	X	
BLKD	X		
BLKF		X	
BLKG		AR	
BLKH		AR	
AAZE		AR	
BLKJ		AR	
AXGY			X
ABUJ			AR
ABFF			AR
AJYP	AR	AR	AR
AGRN			X
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
AWJN	AR	AR	AR
MARK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

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NAME	X
APGF	X
ALDK	AR
MATL	X
SURF	AR
AXMX	AR
BLKW	AR
BLKX	AR
BLKK	X
BLKY	AR
ACUV	AR
AELS	AR
AELR	AR
BLKL	X
ADZC	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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GA

NAME	X
BLKM	X
ABGL	AR
ABMZ	AR
BLKN	X
AWXN	AR
BLKP	AR
ANDT	AR
ALGC	AR
ABHP	AR
ADAV	AR
ABMK	AR
ABKW	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

FIIG T386
GENERAL INFORMATION
APPLICABILITY KEY INDEX

HA

NAME	X
APTT	AR
AHBM	X
AHUC	AR
AHBP	AR
BLKQ	AR
AHBR	AR
BLKR	AR
AHBT	AR
BLKS	AR
BJMZ	AR
ABHP	AR
ABMK	AR
ADAV	AR
ABKW	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

FIIG T386
GENERAL INFORMATION
APPLICABILITY KEY INDEX

JA

NAME	X
STYL	X
ABMK	AR
ADUM	AR
ADAQ	AR
ADAV	AR
ABJT	AR
AEBT	AR
AEHT	AR
AEJN	AR
ABTB	AR
BLKZ	AR
BLLB	X
BLLC	AR
AQEF	X
ELEC	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

FIIG T386
GENERAL INFORMATION
APPLICABILITY KEY INDEX

	<u>KA</u>
NAME	X
BWCS	X
ANNR	AR
AXGY	X
ALGC	X
ABFF	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
MARK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

FIG T386
GENERAL INFORMATION
APPLICABILITY KEY INDEX

FIG T386
GENERAL INFORMATION
APPLICABILITY KEY INDEX

[Page Break]

Body

SECTION: A

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17235*)

ALL

MATL	D	MATERIAL
------	---	----------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., MATLDAL0000*; MATLDAL0000\$SDFEC000*; MATLDAL0000\$DFE0000*)

ALL*

SURF	D	SURFACE TREATMENT
------	---	-------------------

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPE OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., SURFDGB0000*; SURFDCDR000\$DZNN000*; SURFDCDR000\$DZNN000*)

ALL*

ADYY	D	COATING MATERIAL
------	---	------------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE WITH WHICH THE ITEM IS COATED, EXCLUDING ANY SURFACE TREATMENT.

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., ADYYDLCJ000*)

For Applicability Key AA, if Reply Code WD0000 is entered for MRC MATL, a reply must be entered for this MRC.

AA, AB, AC

APGF	D	DESIGN TYPE
------	---	-------------

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., APGFDBKP*; APGFDAQT\$\$DAQX*)

AE

ABSX	D	ATTACHMENT METHOD
------	---	-------------------

Definition: THE MEANS USED TO ATTACH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABSXDAX*)

<u>REPLY CODE</u>
ER
AX

<u>REPLY (AB47)</u>
SNAP FASTENER
SPRING CLIP

AD*, AE*

ALGC	G	MOUNTING CONFIGURATION
------	---	------------------------

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

For Applicability Key AD, reply for the accommodating facilities of the holder.

AE

AGBC	D	SHOCK MOUNT
------	---	-------------

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS PROVIDED WITH A SELF-CONTAINED SHOCK MOUNT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGBCDB*)

<u>REPLY CODE</u>	<u>REPLY (AB22)</u>
C	NOT PROVIDED
B	PROVIDED

AA, AB, AD*, AF

ABHP	J	OVERALL LENGTH
------	---	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.950\$\$JAC8.000*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*, AB*, AD*

ADAV	J	OVERALL DIAMETER
------	---	------------------

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400\$\$JAC2.500*)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AA*, AB*, AD*

ABKW	J	OVERALL HEIGHT
------	---	----------------

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AA*, AB*, AD*, AF

ABMK	J	OVERALL WIDTH
------	---	---------------

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.400\$\$JAC2.500*)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AA*, AB*, AD*, AF

ADUM	J	OVERALL THICKNESS
------	---	-------------------

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA25.4*; ADUMJAB2.400\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AB

AQAN	A	WIRE QUANTITY
------	---	---------------

Definition: THE NUMBER OF WIRES THE ITEM CAN ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., AQANA2*)

AB*

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	AAKV	J	MAXIMUM CONDUCTOR SIZE ACCOMMODATED

Definition: THE MAXIMUM SIZE OF THE CONDUCTOR THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the conductor size number. (e.g., AAKVJA10*)

<u>REPLY CODE</u>	<u>REPLY (AA44)</u>
A	AWG
D	BUS BAR WIDTH, IN INCHES
B	MCM
C	NPS, IN INCHES
S	SQUARE MILLIMETERS

AB*

AGTM	D	ACCOMMODATED ITEM SECURING DEVICE TYPE
------	---	---

Definition: INDICATES THE TYPE OF DEVICE PROVIDED TO RETAIN OR HOLD THE ITEM ACCOMMODATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGTMDAU*; AGTMDAV\$\$DED*)

<u>REPLY CODE</u>	<u>REPLY (AC52)</u>
A	ANY ACCEPTABLE
AU	FRICTION FASTENER
EC	QUARTER TURN FASTENER
AV	SETSCREW
ED	WEDGE

AB*

AQCE	D	ACCOMMODATED CONDUCTOR TYPE
------	---	-----------------------------

Definition: INDICATES THE TYPE OF CONDUCTOR THE ITEM IS DESIGNED TO ACCOMMODATE.

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., AQCEDAAM*; AQCEDAAF\$DAAG*; AQCEDAAQ\$\$DAAG*)

AA, AC

ABTJ	A	MOUNTING HOLE QUANTITY
------	---	------------------------

Definition: THE NUMBER OF MOUNTING HOLES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ABTJA5*)

AA*, AC*

AAMA	J	MOUNTING HOLE DIAMETER
------	---	------------------------

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AAMAJA1.094*; AAMAJL25.4*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

AA*, AC*

ABTH	J	CENTER TO CENTER DISTANCE BETWEEN MOUNTING HOLES
------	---	---

Definition: THE CENTER TO CENTER DISTANCE BETWEEN MOUNTING HOLES.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTHJAA2.500*; ABTHJLA25.4*; ABTHJAB2.400\$\$JAC2.500*; ABTHJAA2.500\$\$JAA3.188*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

AB*

BLJP G INSULATOR ATTACHMENT METHOD

Definition: THE MEANS USED TO ATTACH THE INSULATOR.

Reply Instructions: Enter the reply in clear text. (e.g., BLJPGBOLTING*)

Separate multiple replies with a semicolon. (e.g., BLJPGBOLTS; NUTS*)

AB

BLJQ D SEPARATE INSULATOR ATTACHMENT DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A SEPARATE INSULATOR ATTACHMENT DEVICE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLJQDB*)

REPLY CODE

C
B

REPLY (AB22)

NOT PROVIDED
PROVIDED

AC

BBSN A CLAMP QUANTITY

Definition: THE NUMBER OF CLAMPS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BBSNA2*)

AC*

AHHS A BOLT QUANTITY

Definition: THE NUMBER OF BOLTS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AHHSA2*)

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

AC*

BMCF	J	CLAMPING SURFACE LENGTH
------	---	-------------------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CLAMPING SURFACE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BMCFJAA1.250*; BMCFJLA25.4*; BMCFJAB1.250\$\$JAC1.255*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AC*

BLJR	D	MOUNTING BOLT CLAMPING FEATURE
------	---	--------------------------------

Definition: AN INDICATION OF WHETHER OR NOT A MOUNTING BOLT CLAMPING FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLJRDB*)

REPLY CODE

B

C

REPLY (AA49)

INCLUDED

NOT INCLUDED

AC

BLJS	J	STRAND DIAMETER RANGE ACCOMMODATED
------	---	------------------------------------

FIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATION FOR THE DIAMETER LIMITS OF THE STRAND, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BLJSJAP0.187/P0.375*; BLJSJLP25.4/P43.4*)

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

FIIG T
Section Parts

SECTION: B

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED14230*)

ALL

BLJT	A	RESISTOR QUANTITY ACCOMMODATED
------	---	--------------------------------

Definition: THE NUMBER OF RESISTORS THE ITEM IS DESIGNED TO ACCOMMODATE

Reply Instructions: Enter the quantity. (e.g., BLJTA2*)

ALL*

AGUK	J	ACCOMMODATED FERRULE DIAMETER
------	---	-------------------------------

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATED FERRULE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGUKJAA0.500*; AGUKJLA25.4*; AGUKJAB0.500\$\$JAC0.510*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	BLJW	J	DISTANCE BETWEEN FERRULES

Definition: THE DISTANCE BETWEEN THE FERRULES.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLJWJAA1.094*; BLJWJLA25.4*; BLJWJAB1.094\$\$JAC1.100*; BLJWJAA1.250\$\$JAA16.875*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL

AESH	D	BASE MATERIAL
------	---	---------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BASE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AESHDBR0000*; AESHDBR0000\$\$DBN0000*; AESHDBR0000\$DBN0000*)

ALL

BLJX	D	CLIP MATERIAL
------	---	---------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CLIP IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., BLJXDCU0000*; BLJXDBN0000\$\$DCU0000*; BLJXDBN0000\$DCU0000*)

ALL*

SURF	D	SURFACE TREATMENT
------	---	-------------------

FIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPE OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., SURFDGB0000*; SURFDCD0000\$DCNA000*; SURFDCD0000\$DCNA000*)

ALL*

BLJY	D	END STOPS
------	---	-----------

Definition: AN INDICATION OF WHETHER OR NOT END STOPS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLJYDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL*

AMDA	D	LOCKING DEVICE
------	---	----------------

Definition: AN INDICATION OF WHETHER OR NOT A LOCKING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMDADB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL*

ABHP	J	OVERALL LENGTH
------	---	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.795\$\$JAC8.000*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.490\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

FIIG T
Section Parts

APP	MRC	Mode Code	Requirements
Key			

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

AARA	A	TERMINAL QUANTITY
------	---	-------------------

Definition: THE NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARAA2*)

ALL*

AARB	D	TERMINAL TYPE
------	---	---------------

Definition: INDICATES THE TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AARBDBE*)

REPLY CODE

BM

AM

BE

FW

AQ

FX

AZ

REPLY (AA58)

CLIP

PIN

SCREW

SOLDER LUG

SOLDER STUD

STUD

THREADED STUD

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
ALL			
	AXGY	D	MOUNTING METHOD
	Definition: THE MEANS OF ATTACHING THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., AXGYDABW*)		
ALL*			
	ALGC	G	MOUNTING CONFIGURATION
	Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)		

FIIG T
Section Parts

SECTION: C

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED03918*)

ALL

ARQS	D	CONSTRUCTION
------	---	--------------

Definition: THE STRUCTURAL CHARACTERISTIC OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARQSDAEN*)

<u>REPLY CODE</u>	<u>REPLY (AL59)</u>
A	ANY ACCEPTABLE
ABD	ONE-PIECE
AEN	RIGID
ABB	SECTIONALIZED

ALL

MATL	D	MATERIAL
------	---	----------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., MATLDAL0000*; MATLDFE0000\$DST0000*; MATLDFE0000\$DST0000*)

ALL*

SURF	D	SURFACE TREATMENT
------	---	-------------------

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., SURFDGB0000*; SURFDGB0000\$DPN0000*; SURFDGB0000\$DPN0000*)

ALL*

HUES	D	COLOR
------	---	-------

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HUESDGY0000*; HUESDGY0000\$DWH0000*; HUESDGY0002\$DGY0071*)

REPLY CODE

A
GY0000
GY0002
GY0071
GY0072
NA0000
LD0000
WH0000

REPLY (AD06)

ANY ACCEPTABLE
GRAY
GRAY, LIGHT
GRAY, METALLIC
GRAY, NAVY
NATURAL
OLIVE DRAB
WHITE

ALL

HGTH	J	HEIGHT
------	---	--------

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. For items indicating feet and inches, see [Appendix C](#), Table 1, for conversion. (e.g., HGTHJFA2.167*; HGTHJFB2.250\$JFC2.260*)

Table 1

REPLY CODE

F
M

REPLY (AA05)

FEET
METERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

FIIG T
Section Parts

APP	MRC	Mode Code	Requirements
Key			

ALL*

AAXX	D	MOUNTING TYPE
------	---	---------------

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDLB*)

<u>REPLY CODE</u>	<u>REPLY (AA78)</u>
A	ANY ACCEPTABLE
LB	CONCRETE
LC	FLAT SURFACE
LD	HOLE
LE	SLANTING SURFACE

ALL*

BLJZ	D	BASE MOUNTING TYPE
------	---	--------------------

Definition: INDICATES THE TYPE OF BASE MOUNTING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 6. (e.g., BLJZDLK*)

ALL*

AYFN	D	SUPPORT TYPE
------	---	--------------

Definition: INDICATES THE TYPE OF SUPPORT USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AYFNDAS*)

<u>REPLY CODE</u>	<u>REPLY (AM61)</u>
A	ANY ACCEPTABLE
AS	BRACE
AY	GUY ROD
AZ	GUY WIRE
BA	TENSION SPRING

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
ALL*			

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH
THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGCLAMPS MAST 6*)

Separate multiple replies with a semicolon. (e.g., AKYNG2CLAMPS; 2BOLTS*)

FIIG T
Section Parts

SECTION: D

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04464*)

ALL

MATL	D	MATERIAL
------	---	----------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., MATLDAL0000*; MATLDALC000\$DAL0000*; MATLDALC000\$DAL0000*)

ALL*

SURF	D	SURFACE TREATMENT
------	---	-------------------

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPE OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., SURFDGB0000*; SURFDCDR000\$DCHA000*; SURFDCDR000\$DCHA000*)

ALL

ACVG	A	INSULATOR ACCOMMODATION QUANTITY
------	---	----------------------------------

Definition: THE NUMBER OF INSULATOR ACCOMMODATIONS PROVIDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ACVGA4*)

ALL

BLKB	D	INSULATOR TYPE ACCOMMODATED
------	---	-----------------------------

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Definition: INDICATES THE TYPE OF INSULATOR THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 7. (e.g., BLKBDBLP*)

NOTE FOR MRC ABUJ: IF REPLY CODE BLP IS ENTERED FOR MRC BLKB, REPLY TO MRC ABUJ.

ALL* (See Note Above)

ABUJ	A	THREAD SIZE
------	---	-------------

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the thread size.

(e.g., ABUJA1 3/8-12*)

ALL*

AJYP	D	SCREW THREAD SERIES DESIGNATOR
------	---	--------------------------------

Definition: A DESIGNATOR DISTINGUISHING ONE GROUP OF SCREW THREAD DIAMETER-PITCH COMBINATIONS FROM ANOTHER BY THE NUMBER OF THREADS PER MEASUREMENT SCALE FOR A SPECIFIC DIAMETER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJYPDSM*)

<u>REPLY CODE</u>	<u>REPLY (AH06)</u>
SM	ISO M
SS	ISO S

ALL*

ABHP	J	OVERALL LENGTH
------	---	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

FIIG T
Section Parts

APP	MRC	Mode Code	Requirements
Key			

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*; ABHPJAB7.900\$\$JAC8.000*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA54.8*; ADAVJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

FIIG T
Section Parts

APP											
Key	MRC		Mode Code								Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA54.8*; ABMKJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA54.8*; ABKWJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AXGYDBDD*; AXGYDACP\$\$DBCX*)

ALL*

ALGC	G									MOUNTING CONFIGURATION
------	---	--	--	--	--	--	--	--	--	------------------------

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

Separate multiple replies with a semicolon. (e.g., ALGCGTWO 1/2 IN. DIA HOLES; TWO 3/4 IN. DIA HOLES SPACED 10 IN. C TO C*)

ALL

AXPP	D									PIN
------	---	--	--	--	--	--	--	--	--	-----

Definition: AN INDICATION OF WHETHER OR NOT A PIN IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXPPDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS AGRC AND BLKC: IF REPLY CODE B IS ENTERED FOR MRC AXPP, REPLY TO MRCS AGRC AND BLKC.

ALL* (See Note Above)

AGRC	J									EXTENSION LENGTH
------	---	--	--	--	--	--	--	--	--	------------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN EXTENSION, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGRCJAA4.500*; AGRCJLA101.6*; AGRCJAB4.500\$\$JAC4.505*)

<u>Table 1</u>	<u>REPLY (AA05)</u>
<u>REPLY CODE</u>	

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS
		<u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL* (See Note Preceding MRC AGRC)

BLKC G THREAD TYPE

Definition: INDICATES THE TYPE OF THREADS PROVIDED.

Reply Instructions: Enter the reply in clear text. (e.g., BLKCG1 IN. WOOD CAB TYPE*)

FIIG T
Section Parts

SECTION: E

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19466*)

EA, EB

APGF	D	DESIGN TYPE
------	---	-------------

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., APGFDBKP*)

NOTE FOR MRC ATYC: FOR APPLICABILITY KEY EA, IF REPLY CODE BKH IS ENTERED FOR MRC APGF, REPLY TO MRC ATYC.

EA*, EB* (See Note Above)

ATYC	D	SIZE
------	---	------

Definition: AN INDICATION OF THE SIZE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATYCDBCF*)

<u>REPLY CODE</u>	<u>REPLY (AF81)</u>
BCF	EXTRA LONG (for stacking)
AXD	REGULAR

EA, EB

ANNQ	H	MATERIAL AND LOCATION
------	---	-----------------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 1 and the table below. (e.g., ANNQHSTD000BPL*; ANNQHFE0000AAB\$\$HST0000AAB*)

When multiple or optional materials are specified for more than one location, use AND/OR coding (\$\$/). (e.g., ANNQHBR0000BPL\$\$HCU0000BPL*; ANNQHALC000BPM\$HST0000BPM*)

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
BPJ	BAND/SADDLE
BPK	EYELET
BPL	INSERT
AAB	OVERALL (basic)
BPM	SCREW
BPN	SCREW ASSEMBLY

EA*, EB

ANNR	H	SURFACE TREATMENT AND LOCATION
------	---	--------------------------------

Definition: THE PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE ITEM AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 2, and the table below. (e.g., ANNRHCN0000BPL*; ANNRHCN0000AAB\$\$HGB0000AAB*)

When multiple or optional surface treatments are specified for more than one location, use AND/OR coding (\$\$/). (e.g., ANNRHCDR000BPL\$\$HGB0000BPL*; ANNRHCNA000BPM\$HPS0000BPM*)

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
BPJ	BAND/SADDLE
BPK	EYELET
BPL	INSERT
AAB	OVERALL (basic)
BPM	SCREW
BPN	SCREW ASSEMBLY

EA

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

BLKD

J

CABLE DIAMETER ACCOMMODATED

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATION FOR THE CABLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLKDJAA2.400*; BLKDJLA25.4*; BLKDJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

EB

BLKF

D

REMOVABLE THIMBLE

Definition: AN INDICATION OF WHETHER OR NOT A REMOVABLE THIMBLE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLKFDB*)

REPLY CODE

B

C

REPLY (AA49)

INCLUDED

NOT INCLUDED

EB*

BLKG

J

ABOVE BASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION ABOVE THE BASE OF AN ITEM, IN DISTINCTION FROM WIDTH.

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLKGJAA8.000*; BLKGJLA25.4*; BLKGJAB7.790\$\$JAC8.000*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

EB*

BLKH										J									BELOW BASE LENGTH
------	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	-------------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION BELOW THE BASE OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLKHJAA0.250*; BLKHJLA25.4*; BLKHJAB0.240\$\$JAC0.250*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

EB*

AAZE																			J																SHANK DIAMETER
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----------------

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE BODY OF THE SHANK AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAZEJAA2.400*; AAZEJLA50.8*; AAZEJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

EB*

BLKJ		G							INSULATOR MOUNTING THREAD DIAMETER
------	--	---	--	--	--	--	--	--	------------------------------------

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE THREADED INSULATOR MOUNTING, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the thread diameter. (e.g., BLKJG1 3/8 IN.*)

EC

AXGY		D							MOUNTING METHOD
------	--	---	--	--	--	--	--	--	-----------------

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AXGYDBCW*)

NOTE FOR MRCS ABUJ AND ABFF: IF REPLY CODE BCW IS ENTERED FOR MRC AXGY, REPLY TO MRCS ABUJ AND ABFF.

EC* (See Note Above)

ABUJ		A							THREAD SIZE
------	--	---	--	--	--	--	--	--	-------------

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the thread size.

(e.g., ABUJA1/4-20*)

EC* (See Note Preceding MRC ABUJ)

ABFF	D								FURNISHED ITEMS
------	---	--	--	--	--	--	--	--	-----------------

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABFFDED*)

REPLY CODE

ED
LM

REPLY (AB28)

NUT
TOGGLE ATTACHMENT

ALL*

AJYP	D								SCREW THREAD SERIES DESIGNATOR
------	---	--	--	--	--	--	--	--	--------------------------------

Definition: A DESIGNATION DISTINGUISHING ONE GROUP OF SCREW THREAD DIAMETER-PITCH COMBINATIONS FROM ANOTHER BY THE NUMBER OF THREADS PER MEASUREMENT SCALE FOR A SPECIFIC DIAMETER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJYPDSM*)

REPLY CODE

SM
SS

REPLY (AH06)

ISO M
ISO S

EC

AGRN	J								EYE DIAMETER
------	---	--	--	--	--	--	--	--	--------------

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE EYE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGRNJAA0.250*; AGRNJLA25.4*; AGRNJAB0.240\$\$JAC0.255*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FIIG T
Section Parts

SECTION: F

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED08095*)

ALL

APGF	D	DESIGN TYPE
------	---	-------------

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDBMA*)

REPLY CODE

BMA

BMB

REPLY (AK54)

CUSHION

NONCUSHION

NOTE FOR MRC ALDK: IF REPLY CODE BMA IS ENTERED FOR MRC APGF, REPLY TO MRC ALDK.

ALL* (See Note Above)

ALDK	J	LOAD CAPACITY
------	---	---------------

Definition: THE WEIGHT THE ITEM CAN ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALDKJPA9.0*; ALDKJPB9.0\$\$JPC9.2*)

Table 1

REPLY CODE

A

K

U

P

REPLY (AB10)

GRAMS

KILOGRAMS

OUNCES

POUNDS

Table 2

REPLY CODE

REPLY (AC20)

FIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM
ALL			
	MATL	D	MATERIAL
Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDAL0000*; MATLDFE0000\$DST0000*; MATLDFE0000\$DST0000*)			
ALL*			
	SURF	D	SURFACE TREATMENT
Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPE OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDGB0000*; SURFD0000\$DZN0000*; SURFD0000\$DZN0000*)			
ALL*			
	AXMX	G	SUPPORTING OBJECT/SURFACE ATTACHMENT METHOD
Definition: THE MEANS USED IN ATTACHING THE ITEM TO A SUPPORTING OBJECT OR SURFACE.			
Reply Instructions: Enter the reply in clear text. (e.g., AXMXGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)			
ALL*			
	BLKW	G	SUPPORTED OBJECT/SURFACE ATTACHMENT METHOD
Definition: THE MEANS USED IN ATTACHING THE SUPPORTED OBJECT OR SURFACE.			

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Reply Instructions: Enter the reply in clear text. (e.g., BLKWGTWO 5 FOOT CHAINS*)

ALL*

BLKX	B	BALL/SWIVEL JOINT SWING IN DEG
------	---	--------------------------------

Definition: AN INDICATION OF THE BALL OR SWIVEL JOINT SWING, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., BLKXB12.0*)

ALL

BLKK	A	HUB QUANTITY
------	---	--------------

Definition: THE NUMBER OF HUBS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BLKKA2*)

NOTE FOR MRC BLKY: IF REPLY TO MRC BLKK IS TWO HUBS, REPLY TO MRC BLKY.

ALL* (See Note Above)

BLKY	D	HUB POSITION
------	---	--------------

Definition: AN INDICATION OF THE POSITION OF THE HUB ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLKYDCJ*)

<u>REPLY CODE</u>	<u>REPLY (AF63)</u>
CJ	IN LINE
AW	RIGHT ANGLE

ALL*

ACUV	J	CONDUIT TRADE SIZE ACCOMMODATED
------	---	---------------------------------

Definition: THE STANDARD NOMINAL SIZE DESIGNATION THAT INDICATES THE SPECIFIC ACTUAL INSIDE DIAMETER OF THE CONDUIT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACUVJA0.750*; ACUVJL25.4*)

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

ALL*

AELS D CONDUIT TYPE ACCOMMODATED

Definition: INDICATES THE TYPE OF CONDUIT WHICH THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AELSDG*)

REPLY CODE

Y
F
G

REPLY (AC23)

ANY ACCEPTABLE
ELECTRICAL METALLIC
RIGID

ALL*

AELR D CONDUIT ENTRANCE TYPE

Definition: INDICATES THE TYPE OF ENTRANCE(S) PROVIDED TO ACCOMMODATE THE CONDUIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AELRDAP*)

REPLY CODE

AP

REPLY (AD17)

THREADED

ALL

BLKL D OPEN WIRING ENTRANCE

Definition: AN INDICATION OF WHETHER OR NOT AN OPEN WIRING ENTRANCE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLKLDB*)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

REPLY CODE

C

B

REPLY (AB22)

NOT PROVIDED

PROVIDED

ALL*

ADZC	D	ENVIRONMENTAL PROTECTION
------	---	--------------------------

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDBV*; ADZCDBV\$DGL*; ADZCDBW\$\$DCT*)

REPLY CODE

A

GL

BV

BW

CT

BX

BT

REPLY (AA65)

ANY ACCEPTABLE

DUST TIGHT

DUSTPROOF

EXPLOSION PROOF

NONMAGNETIC

WATERTIGHT

WEATHER RESISTANT

FIG T
Section Parts

SECTION: G

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00313*)

ALL

BLKM	A	CONTACT RING QUANTITY
------	---	-----------------------

Definition: THE NUMBER OF CONTACT RINGS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BLKMA16*)

When non-identical contact rings are included, use AND/OR Coding listing the quantity of each. (e.g., BLKMA1*\$\$A2*; BLKMA2*\$A4*)

ALL*

ABGL	J	WIDTH
------	---	-------

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.030*; ABGLJLA25.4*; ABGLJAB0.030\$\$JAC0.032*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

ALL*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA10.500*; ABMZJLA25.4*; ABMZJAB10.400\$\$JAC10.500*)

If the contact rings are different sizes, use AND/OR coding entering a reply for each. (e.g., ABMZJAB9.00\$\$JAC9.010*; ABMZJAB10.000\$JAC10.010*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL

BLKN D RING SURFACE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE RING(S) SURFACE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., BLKNDBR0000*; BLKNDAGE000\$DAUM000*; BLKNDAGE000\$DAUM000*)

ALL*

AWXN A BRUSH QUANTITY

Definition: THE NUMBER OF BRUSHES INCLUDED WITH THE ITEM.

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the quantity. (e.g., AWXNA2*)

ALL*

BLKP	A	BRUSH HOLDER QUANTITY
------	---	-----------------------

Definition: THE NUMBER OF BRUSH HOLDERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BLKPA2*)

ALL*

ANDT	A	BRUSH QUANTITY ACCOMMODATED PER HOLDER
------	---	---

Definition: THE NUMBER OF BRUSHES ACCOMMODATED IN EACH
HOLDER.

Reply Instructions: Enter the quantity. (e.g., ANDTA4*)

ALL*

ALGC	G	MOUNTING CONFIGURATION
------	---	------------------------

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE
MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a
semicolon. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN.
MTG CENTERS*; ALGCGCENTER FIT; CEMENTED MTG*)

ALL*

ABHP	J	OVERALL LENGTH
------	---	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS
WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below,
followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.4*;
ABHPJAB7.900\$\$JAC8.000*)

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ADAV

J

OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.400\$\$JAC2.500*; ADAVJAA5.937\$\$JAA7.375*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ABMK

J

OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA25.4*; ABMKJAB2.500\$\$JAC2.550*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
		<u>Table 1</u>	
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		A	INCHES
		L	MILLIMETERS
		 <u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA25.4*; ABKWJAB2.500\$\$JAC2.550*)

		<u>Table 1</u>	
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		A	INCHES
		L	MILLIMETERS
		 <u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

FIIG T
Section Parts

SECTION: H

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED20762*)

ALL*

APTT	J	OPERATING FREQUENCY
------	---	---------------------

Definition: THE FREQUENCY AT WHICH THE ITEM FUNCTIONS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTTJMA3000.0*; APTTJGB14.0\$\$JGC16.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., APTTKN*)

Table 1

REPLY CODE

G
E
K
M

REPLY (AC32)

GIGAHERTZ
HERTZ
KILOHERTZ
MEGAHERTZ

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL

AHBM	D	INPUT TERMINAL TYPE
------	---	---------------------

Definition: INDICATES THE TYPE OF INPUT TERMINAL(S) FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 8. (e.g., AHBMDFW*; AHBMDWR\$DWX*)

NOTE FOR MRCS AHUC AND AHBP: IF REPLY CODE WR IS ENTERED FOR MRC AHBM, REPLY TO MRC AHUC. IF REPLY CODE NZ IS ENTERED FOR MRC AHBM, REPLY TO MRC AHBP.

ALL* (See Note Above)

AHUC	D	COAXIAL CONNECTOR SERIES DESIGNATION
------	---	--------------------------------------

Definition: A LETTER OR GROUP OF LETTERS USED TO DESIGNATE THE PARTICULAR COAXIAL CONNECTOR SERIES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUCDAB*)

<u>REPLY CODE</u>	<u>REPLY (AF42)</u>
A	ANY ACCEPTABLE
AB	BNC
AR	MB
AJ	N
BC	OSM
AG	TNC
AN	UHF

ALL* (See Note Preceding MRC AHUC)

AHBP	A	INPUT TERMINAL IDENTIFICATION
------	---	-------------------------------

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS IDENTIFICATION NUMBER OR SYMBOL USED TO IDENTIFY THE INPUT TERMINAL.

Reply Instructions: Enter the identification.

(e.g., AHBPAUG-39/U*; AHBPAUG-1851/U* AHBPARG-52/U*)

ALL*

BLKQ	D	INPUT CONTACT TYPE
------	---	--------------------

Definition: INDICATES THE TYPE OF INPUT CONTACT PROVIDED.

FIIG T
Section Parts

APP									
Key	MRC	Mode Code	Requirements						

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLKQDAV*)

<u>REPLY CODE</u>	<u>REPLY (AN56)</u>
AU	FEMALE
AV	MALE

ALL*

AHBR D OUTPUT TERMINAL TYPE

Definition: INDICATES THE TYPE OF OUTPUT TERMINAL(S) FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHBRDWR*)

<u>REPLY CODE</u>	<u>REPLY (AA58)</u>
A	ANY ACCEPTABLE
WR	COAXIAL CABLE
WS	ELECTRICAL CONTACT
CN	FLANGE
HF	SOLDER
FW	SOLDER LUG
NC	TERMINAL LUG
NZ	WAVEGUIDE FLANGE

NOTE FOR MRCS BLKR AND AHBT: IF REPLY CODE WR IS ENTERED FOR MRC AHBR, REPLY TO MRC BLKR. IF REPLY CODE NZ IS ENTERED FOR MRC AHBR, REPLY TO MRC AHBT.

ALL* (See Note Above)

BLKR D OUTPUT COAXIAL CONNECTION SERIES
DESIGNATION

Definition: A LETTER OR GROUP OF LETTERS USED TO DESIGNATE THE PARTICULAR OUTPUT COAXIAL CONNECTED SERIES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLKRDBG*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
			<hr/>
		<u>REPLY CODE</u>	<u>REPLY (AF42)</u>
		A	ANY ACCEPTABLE
		AB	BNC
		BG	BSM
		AJ	N
		BC	OSM
		BH	RF
		BJ	SPECIAL
		AN	UHF

ALL* (See Note Preceding MRC BLKR)

AHBT A OUTPUT TERMINAL IDENTIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS IDENTIFICATION NUMBER OR SYMBOL USED TO IDENTIFY THE OUTPUT TERMINAL.

Reply Instructions: Enter the identification.

(e.g., AHBTAUG-136B/U*; AHBTAUG-1851/U* AHBTARG-52-U*)

ALL*

BLKS D OUTPUT CONTACT TYPE

Definition: INDICATES THE TYPE OF OUTPUT CONTACT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLKSDAV*)

<u>REPLY CODE</u>	<u>REPLY (AN56)</u>
AU	FEMALE
AV	MALE

ALL*

BJMZ J ACCOMMODATED EQUIPMENT IDENTIFYING
NUMBER

Definition: THE NUMBER USED TO IDENTIFY THE EQUIPMENT THE ITEM IS DESIGNED TO ACCOMMODATE.

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., BJMZJAFIN21*; BJMZJAFIN23\$\$JAFIN23B*; BJMZJAFIN23\$JAFIN23B*)

REPLY CODE

AB
AC
AD
AE
AF

REPLY (AG99)

DRAWING NO.
MODEL NO.
PART NO.
SERIAL NO.
TYPE NO.

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA76.2*; ABHPJAB7.900\$\$JAC8.000*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

FIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA76.2*; ABMKJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA76.2*; ADAVJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA76.2*; ABKWJAB2.400\$\$JAC2.500*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

FIIG T
Section Parts

SECTION: J

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED00197*)

ALL

STYL	L	STYLE DESIGNATOR
------	---	------------------

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group A. (e.g., STYLL6*)

ALL

BLLB	A	CRYSTAL PLATE QUANTITY ACCOMMODATED
------	---	--

Definition: THE NUMBER OF CRYSTAL PLATES THE ITEM WILL ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., BLLBA2*)

ALL*

BLLC	D	AIR GAP ADJUSTMENT LOCATION
------	---	-----------------------------

Definition: INDICATES THE LOCATION OF THE ADJUSTMENT ON THE AIR GAP.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLLCDABY*)

REPLY CODE

A
ABY
ABX

REPLY (AJ91)

ANY ACCEPTABLE
EXTERNAL
INTERNAL

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL

AQEF	D	INTEGRAL HEATING ELEMENT
------	---	--------------------------

Definition: AN INDICATION OF WHETHER OR NOT AN INTEGRAL HEATING ELEMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQEFDB*)

REPLY CODE

B
C

REPLY (AA49)

INCLUDED
NOT INCLUDED

ALL*

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0*; ELECB110.0*; ELECB230.0*)

FIIG T
Section Parts

SECTION: K

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED61600*)

ALL

BWCS	H	ASSEMBLY MATERIAL AND LOCATION
------	---	--------------------------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ASSEMBLY IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 1 and the table below. (e.g., BWCSHSTD000BPL*; BWCSHFE0000AAB\$\$HST0000AAB*)

When multiple or optional materials are specified for more than one location, use Secondary Address Coding and AND/OR coding (\$\$/). Secondary Address Coding will be used to separate multiple locations and AND/OR coding (\$\$/) to separate materials. (e.g.,

BWCS1AHBR0000AYS\$\$HCU0000AYS*

BWCS1BHAL0000BPM\$HST0000BPM*)

REPLY CODE

AYR
DWM
AKX
CFF
BPM
AYT
AYS

REPLY (AJ91)

BRACKET
LOCKWASHER
NUT
ROD
SCREW
STUD
WASHER

ALL*

ANNR	H	SURFACE TREATMENT AND LOCATION
------	---	--------------------------------

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

Definition: THE PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPE OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE ITEM, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 2, and the table below. (e.g., ANNRHCN0000BPM*; ANNRHCN0000AYS\$\$HGB0000AYS*)

When multiple or optional surface treatments are specified for more than one location, use Secondary Address Coding and AND/OR coding (\$\$/). Secondary Address Coding will be used to separate multiple locations and AND/OR coding (\$\$/) to separate surface treatments. (e.g.,

ANNR1AHCDR000DWM\$\$HGB0000DWM*

ANNR1BHCNA000BPM\$HPS0000BPM*)

REPLY CODE

AYR
DWM
AKX
CFF
BPM
AYT
AYS

REPLY (AJ91)

BRACKET
LOCKWASHER
NUT
ROD
SCREW
STUD
WASHER

ALL

AXGY	D	MOUNTING METHOD
------	---	-----------------

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AXGYDBDD*; AXGYDACP\$\$DBCX*)

ALL

ALGC	G	MOUNTING CONFIGURATION
------	---	------------------------

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

Separate multiple replies with a semicolon. (e.g., ALGCGTWO 1/2 IN. DIA HOLES; TWO 3/4 IN. DIA HOLES SPACED 10 IN. C TO C*)

ALL*

ABFF	D	FURNISHED ITEMS
------	---	-----------------

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SEPCIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABFFDACA*; ABFFDACA\$\$ABW*)

REPLY CODE

ACA
ACB
ABW
BCW
AMX
AFN
AJW

REPLY (AB28)

FLAT WASHER
LOCK WASHER
NUT
ROD
SCREW
STUD
WASHER

SECTION: STANDARD

APP

Key MRC Mode Code Requirements

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321\$\$JB5556A-663654*;

TESTJAA2345-654321\$JB55566-663654*)

REPLY
CODE

REPLY (AC28)

- | | |
|---|--|
| A | SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.) |
| B | STANDARD (Includes industry or association standards, individual manufacturer standards, etc.) |

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
--	--	---	---

ALL*

SPCL	G	SPECIAL TEST FEATURES	
------	---	-----------------------	--

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK	J	SPECIFICATION/STANDARD DATA	
------	---	-----------------------------	--

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

FIIG T
Section Parts

APP

Key MRC Mode Code Requirements

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 9, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL*

ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
------	---	---------------------------------

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
------	---	--

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL	A	CRITICALITY CODE JUSTIFICATION
------	---	--------------------------------

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

PRPY	A	PROPRIETARY CHARACTERISTICS
------	---	-----------------------------

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*)

ALL*

ELRN	G	EXTRA LONG REFERENCE NUMBER
------	---	-----------------------------

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION
------	---	---------------------------------------

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY
CODE

REPLY (AN58)

FIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

FIIG T
Section Parts

SECTION: SUPPTECH

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

AFJK	J	CUBIC MEASURE
------	---	---------------

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC131.1*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

AGAV	G	END ITEM IDENTIFICATION
------	---	-------------------------

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

AWJN	J	UNPACKAGED UNIT WEIGHT
------	---	------------------------

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS1.500*; AWJNJAJ680.4*)

For items indicating pounds and ounces, see Appendix C, Table 4, for conversion.

<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
BA	GRAMS
AJ	KILOGRAMS

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	AS		POUNDS

ALL

MARK G SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., MARKGRINGS MARKED A,B,C,D*; MARKGRINGS MARKED A, WASHER MARKED B*)

ALL

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000\$\$DAGA000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500\$\$JAGA000R0.780*)

Table 1

REPLY CODE

AUA000
IRA000
AZA000
PDA000
PTA000
RHA000
RTA000
AGA000

REPLY (MA01)

GOLD
IRIDIUM
OSMIUM
PALLADIUM
PLATINUM
RHODIUM
RUTHENIUM
SILVER

Table 2

REPLY CODE

E
R
F

REPLY (AG14)

GRAINS, TROY
GRAMS
OUNCES, TROY

ALL

PMLC	J	PRECIOUS MATERIAL AND LOCATION
------	---	--------------------------------

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS\$\$JAGA000INTERNAL SURFACES*)

REPLY CODE

AUA000
IRA000
AZA000
PDA000
PTA000
RHA000
RTA000
AGA000

REPLY (MA01)

GOLD
IRIDIUM
OSMIUM
PALLADIUM
PLATINUM
RHODIUM
RUTHENIUM
SILVER

ALL

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	SUPP	G	SUPPLEMENTARY FEATURES
	<p>Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCLUDE HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)</p>		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	<p>Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.</p> <p>Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.</p> <p>(e.g., ZZZPJ81A37-30624A*)</p>		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	<p>Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.</p> <p>Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)</p>		
ALL			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
	<p>Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)</p>		

FIG T
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FIG T
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Reply Tables

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Table 1 - MATERIALS
MATERIALS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
AL0280	ALUMINUM ALLOY, QQ-A-225/6, ALLOY 2024, T4 Aluminum Alloy (use Reply Code ALC000)
ALG000	ALUMINUM, DIE CAST
A	ANY ACCEPTABLE (do not use for MRC ANNQ) Bakelite (use Reply Code PCAAL0)
BC0000	BERYLLIUM COPPER
BR0000	BRASS Brass Alloy (use Reply Code BR0000) Brass, Cast (use Reply Code BR0000) Brass, Chrome Plated (use Reply Code BR0000)
BRJ000	BRASS, NAVAL
BN0000	BRONZE Bronze Alloy (use Reply Code BN0000)
BNW000	BRONZE, POWDERED
CJ0000	CERAMIC
AUM000	COINAGE GOLD Coined Gold (use Reply Code AUM000)
CU0000	COPPER
CK0000	COPPER ALLOY Copper, Tin Coated (use Reply Code CU0000) Copper, Tin Covered (use Reply Code CU0000)
LCJ000	CREOSOTE
FT0000	FELT
FB0000	FIBER
FG0000	FIBERGLASS
AGAAB0	FINE SILVER
AU0000	GOLD
AUF000	GOLD ALLOY
AUK000	GOLD W/PLATINUM
FE0000	IRON Iron, Cast (use Reply Code FE0000)
FEC000	IRON, MALLEABLE
BRF000	LEADED RED BRASS
MGA000	MAGNESIUM ALLOY
ME0000	METAL Navy Brass (use Reply Code BRJ000)
NC0000	NICKEL COPPER ALLOY (Monel)
NS0000	NICKEL SILVER Nylon (use Reply Code PL0000)
PD0000	PALLADIUM
PZ0000	PHOSPHOR BRONZE
PC0000	PLASTIC

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<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
PCAAL0	PLASTIC, PHENOL-FORMALDEHYDE
PCW000	PLASTIC, PHENOLIC
PCAG00	PLASTIC, POLYSTYRENE
PTB000	PLATINUM ALLOY
PL0000	POLYAMIDE NYLON
	Polystyrene (use Reply Code PCAG00)
RH0000	RHODIUM
	Rhodium Plated (use Reply Code RH0000)
RC0000	RUBBER
AG0000	SILVER AGD000 SILVER ALLOY
CUAX00	SILVER-BEARING COPPER
	Silver Brass (use Reply Codes AG0000 and BR0000)
	Silver, Brazed (use Reply Code AG0000)
AGS000	SILVER, COIN
AGZ000	SILVER COPPER
SG0000	SILVER GRAPHITE
	Silver Plated (use Reply Code AG0000)
ST0000	STEEL
ST1052	STEEL, CARBON
STB000	STEEL, CORROSION RESISTING
STAD00	STEEL, FORGED
STD000	STEEL, STAINLESS
WD0000	WOOD
ZN0000	ZINC
CUAY00	ZIRCONIUM COPPER

Table 2 - SURFACE TREATMENTS
SURFACE TREATMENTS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AN0000	ANODIZED
	Bright Dip, Water Lacquer Dip (use Reply Code LQE000)
	Bright Enamel (use Reply Code EN0000)
CD0000	CADMIUM
CDR000	CADMIUM PLATED
	Cadmium Zinc (use Reply Codes CD0000 and ZN0000)
CN0000	CHROMATE
CNA000	CHROMATE DIPPED
CHA000	CHROME-NICKEL PLATED
CHC000	CHROME PLATED
CUN000	COPPER PLATED
EN0000	ENAMEL
	Enameled (use Reply Code EN0000)
	Galvanized, Hot Dip (use Reply Code ZN0000)
	Galvanized (use Reply Code ZN0000)
AUG000	GOLD PLATED
	Iridite (use Reply Code CN0000)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
LQE000	LACQUER, WATER DIPPED
NFG000	NICKEL PLATED
PNG000	PAINT
	Painted (use Reply Code PNG000)
PS0000	PASSIVATED
MEAG00	RADIUM PLATED
RHA000	RHODIUM PLATED
AGE000	SILVER PLATED
SN0000	TIN
	Tin Covered (use Reply Code SN0000)
ZN0000	ZINC
ZNS000	ZINC COATED
ZNN000	ZINC PLATED

Table 3 - ACCOMMODATED CONDUCTOR TYPES
ACCOMMODATED CONDUCTOR TYPES

<u>REPLY CODE</u>	<u>REPLY (AL01)</u>
AAF	ALUMINUM
AAG	ALUMINUM-STEEL
AAH	ALUMINUM-STEEL REINFORCED
A	ANY ACCEPTABLE
AAJ	CABLE
AAK	COMPOSITE
AAL	COPPER
AAM	COPPERWELD
AAN	INSULATED CABLE
AAQ	STEEL
AAR	STEEL CABLE
AAS	STEEL-COMPOSITE/COPPER
AAT	STEEL WIRE
AAP	STRANDED COPPER
AAW	TELEPHONE DROP WIRE
AAX	2 CONDUCTOR RUBBER COVERED CORD

Table 4 - DESIGN TYPES
DESIGN TYPES

<u>REPLY CODE</u>	<u>REPLY (AK54)</u>
AQT	ANGLE
A	ANY ACCEPTABLE
BJZ	BACK
AQX	BOLT
AJN	CLOSED
BJA	DEAD END
BAL	DOME

<u>REPLY CODE</u>	<u>REPLY (AK54)</u>
BKB	DOUBLE ARM
FLJ	DOUBLE HALF-LOOP
BKC	DRIVE
AEJ	FLAT
BLF	FLAT CURVED
BKD	GRADE CLAMP
BKE	LAG SCREW
BKF	ONE BOLT
BKG	POLE TOP
AWC	PYRAMID
BKH	RING
BKJ	SEPARABLE THIMBLE
BKK	SINGLE ARM
AYT	STRAIGHT THROUGH
APP	SWING
BKM	THREE BOLT
BKN	TWINE/HOOK
AWP	U-BAR
ASD	VERTICAL
BKP	WRAP-AROUND SLOTTED STRAP
BKQ	WRAP-AROUND STRAP W/WIRE SUPPORT

Table 5 - MOUNTING METHODS
MOUNTING METHODS

<u>REPLY CODE</u>	<u>REPLY (AM39)</u>
A	ANY ACCEPTABLE
ABB	BASE
BCN	BASE DRILLED
BCP	BASE DRILLED AND/OR TAPPED
AAC	BOLT
ABC	BRACKET
ABD	BUSHING
AEB	CHASSIS
BCQ	CROSS ARM STRAP W/ENDS THREADED
BCR	DRIVE POINT
ACP	HOLE
BDD	INTEGRAL BOLT/NUT
BCS	INTEGRAL LAG SCREW
BCT	INTEGRAL STRAP W/SLOTTED HOLES
BCW	MACHINE SCREW
AED	PANEL
ABP	PLUG-IN
ABT	ROD
ABW	SCREW
ABY	SLOT
BCX	SLOTTED HOLE(S)

<u>REPLY CODE</u>	<u>REPLY (AM39)</u>
BCY	STAND-OFF
AAE	STUD
BCZ	SWAGE
BDA	TAPPED
BDB	U-BOLT
BDC	WOOD SCREW

Table 6 - BASE MOUNTING TYPES
BASE MOUNTING TYPES

<u>REPLY CODE</u>	<u>REPLY (AA78)</u>
A	ANY ACCEPTABLE
LF	BRACKETS BOLTED TO TOWER
LG	DOUBLE TRIPOD
CW	FLANGE
LH	FLANGE BASE BOLTED TO CONCRETE BASE EMBEDDED ANCHOR BOLTS
LJ	FOOT BOLTED TO STUDS BURIED IN CONCRETE
LL	LEG BOLTED TO FLAT SURFACE
LK	LEGS BOLTED TO BURIED TIMBER MEMBERS
LM	MAST FOOT
FL	PLATE
BQ	TRIPOD
LN	TRIPOD W/STAKE LEGS
LP	TRIPOD W/TOE PLATES

Table 7 - INSULATOR TYPES ACCOMMODATED
INSULATOR TYPES ACCOMMODATED

<u>REPLY CODE</u>	<u>REPLY (AK54)</u>
A	ANY ACCEPTABLE
BLN	CERAMIC SPOOL
AWA	KNOB
BLP	PIN
AQR	PLATE
BLQ	STAND-OFF
BLR	STRAIN
BLS	SUSPENSION
BLT	WASHER
BLW	WIRE

Table 8 - INPUT TERMINAL TYPES
INPUT TERMINAL TYPES

<u>REPLY CODE</u>	<u>REPLY (AA58)</u>
A	ANY ACCEPTABLE

<u>REPLY CODE</u>	<u>REPLY (AA58)</u>
WR	COAXIAL CABLE
WS	ELECTRICAL CONTACT
CN	FLANGE
WW	SCREWCAP
FW	SOLDER LUG
WX	SPECIAL COAXIAL
WY	SPRING TENSION CLIP
NZ	WAVEGUIDE FLANGE

Table 9 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables 106

REFERENCE DRAWING GROUP A..... 107

REFERENCE DRAWING GROUP A Tables
QUARTZ CRYSTAL UNIT HOLDERS

INDEX OF MASTER REQUIREMENT CODES

NOTE for Drawing number 5: "Terminal Data" replies when three terminals are involved. A. For three terminals positioned at the corners of an equilateral triangle. (i.e., three terminals spaced 120 degrees apart on 1" radius) B. For three terminals spaced on the corners of an isosceles triangle. (i.e., three terminals spaced on the corners of an isosceles triangle base 1 1/2 inches, altitude 1 inch) C. For three terminals spaced on the corners of a right triangle, not isosceles. (i.e., three terminals on corners of right triangle legs 1 inch by 2 inches)

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below followed by the numeric value. (e.g., AEHTJAA2.000*; AEHTJLA25.4*; AEHTJAB2.000\$\$JAC2.100*)

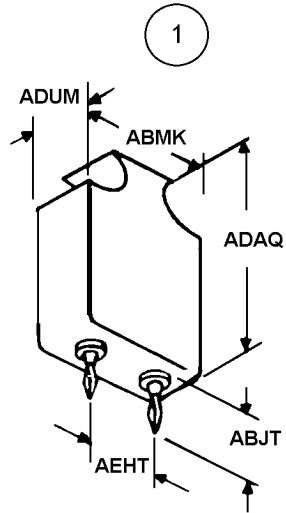
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

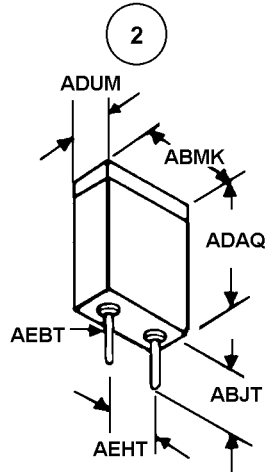
<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
ABMK	J	OVERALL WIDTH
ADUM	J	OVERALL THICKNESS
ADAQ	J	BODY LENGTH
ADAV	J	OVERALL DIAMETER
ABJT	J	TERMINAL LENGTH
AEBT	J	TERMINAL DIAMETER
AEHT	J	CENTER TO CENTER DISTANCE BETWEEN TERMINALS
AEJN	J	DISTANCE BETWEEN MOUNTING FACILITIES CENTERS
ABTB	J	MOUNTING HOLE DIAMETER
BLKZ	J	MOUNTING STUD DIAMETER

REFERENCE DRAWING GROUP A

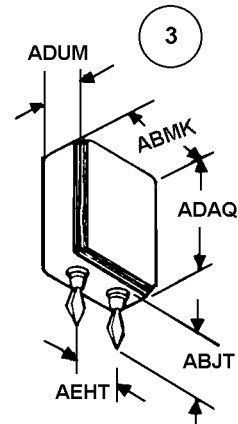
QUARTZ CRYSTAL UNIT HOLDERS



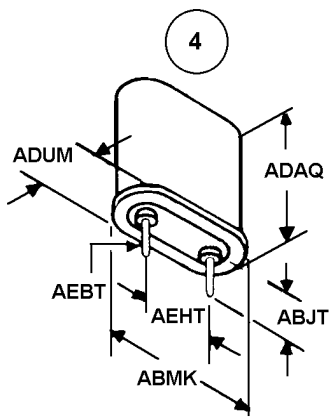
FINGER GRIP BODY,
PIN TERMINALS



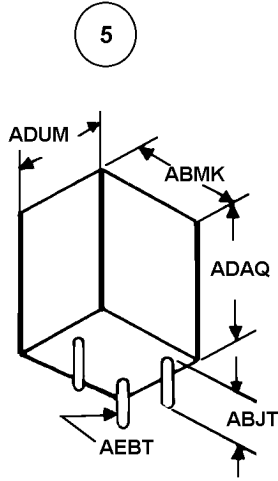
RECTANGULAR BODY,
PIN TERMINALS



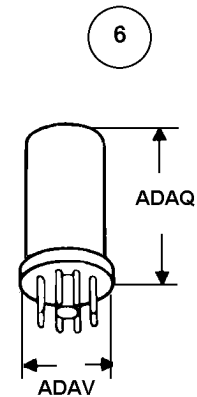
RECTANGULAR BODY,
PIN TERMINALS



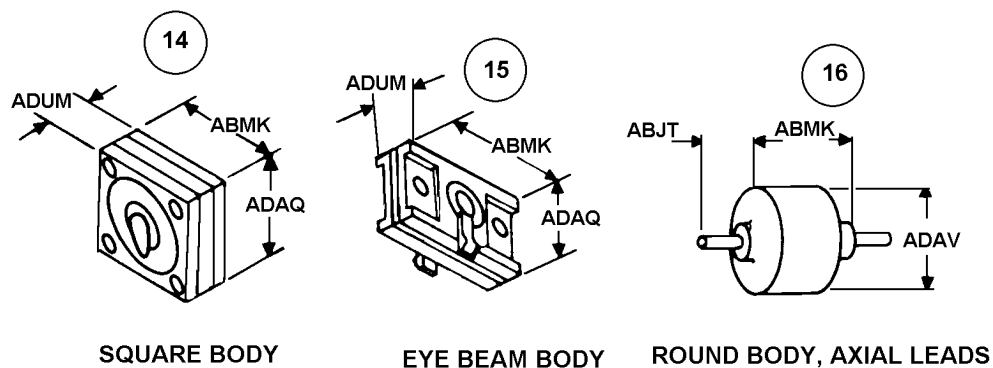
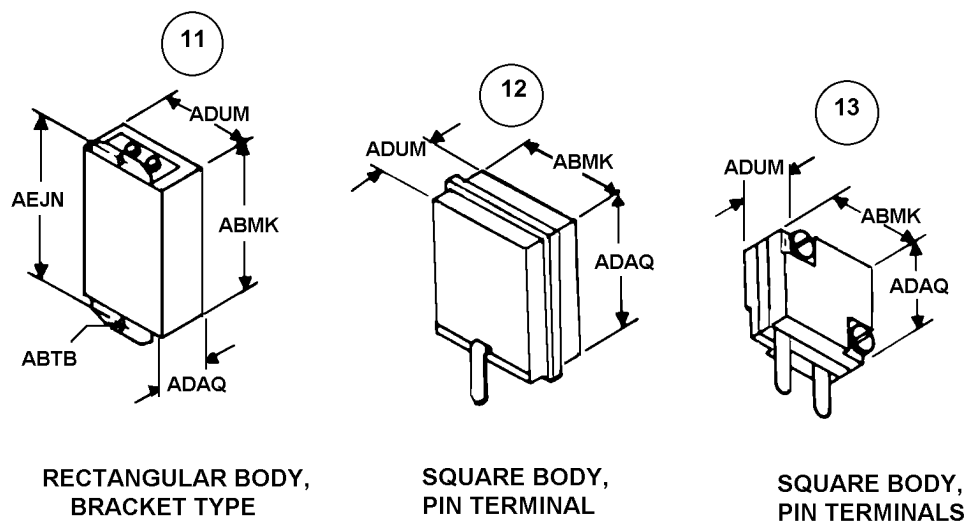
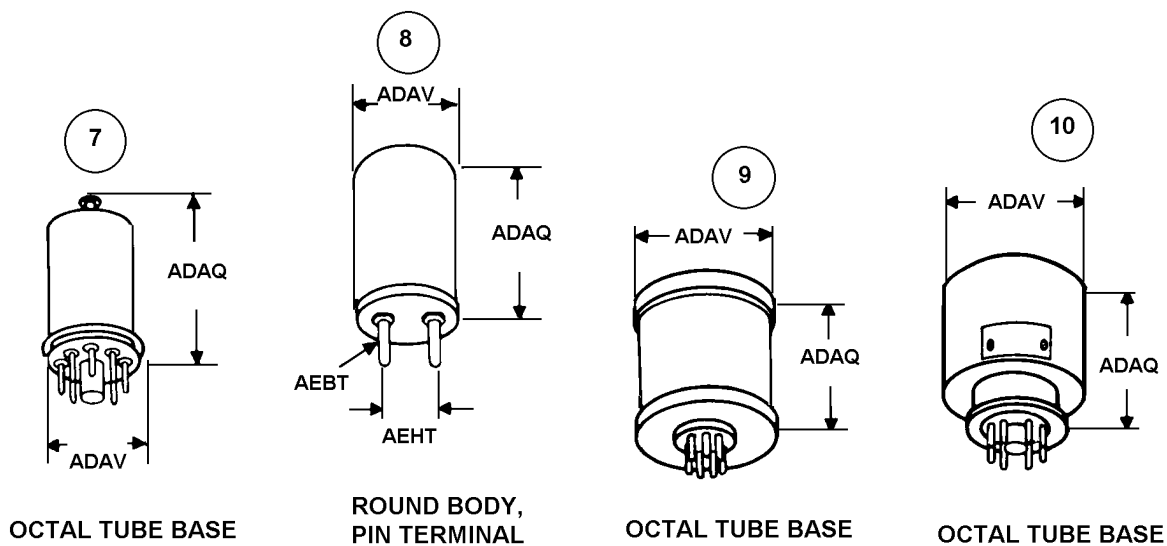
RECTANGULAR BODY,
PIN TERMINALS

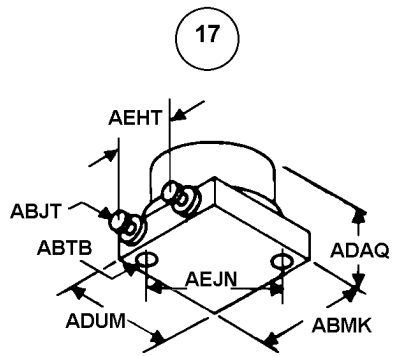


RECTANGULAR BODY,
PIN TERMINALS

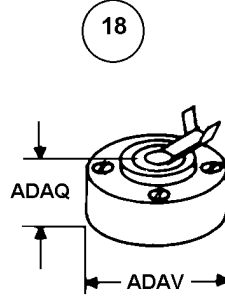


OCTAL TUBE BASE

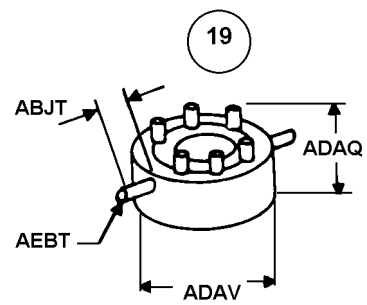




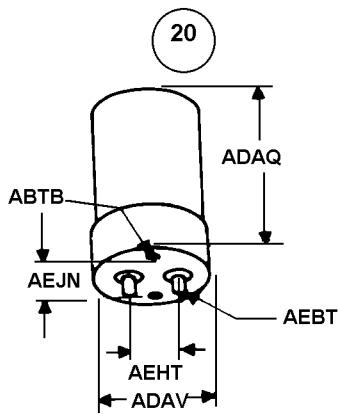
**SQUARE BASE, ROUND BODY,
PIN TERMINALS**



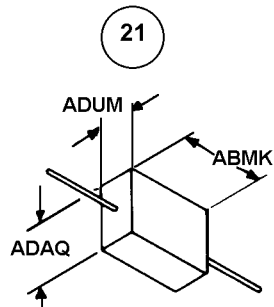
**ROUND BODY,
TAB TERMINAL**



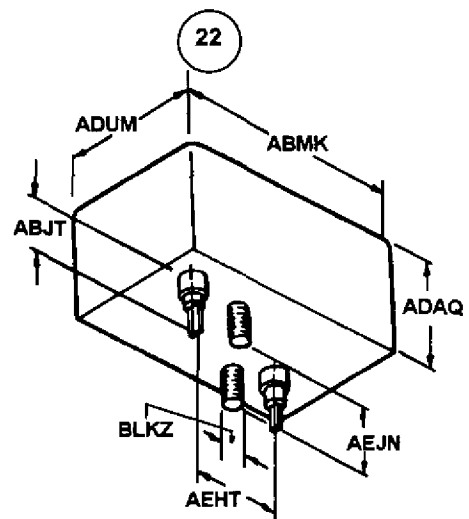
**ROUND BODY,
FERRULE TERMINALS**



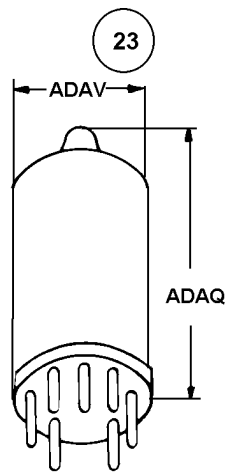
**ROUND BODY,
PIN TERMINAL**



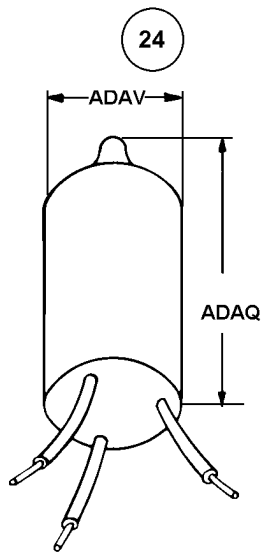
**RECTANGULAR BODY,
WIRE LEADS**



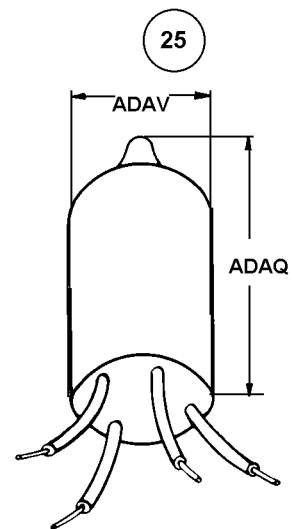
**RECTANGULAR BODY,
PIN TERMINALS**



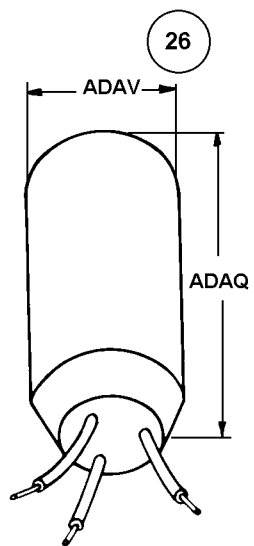
7 PIN TUBE BASE



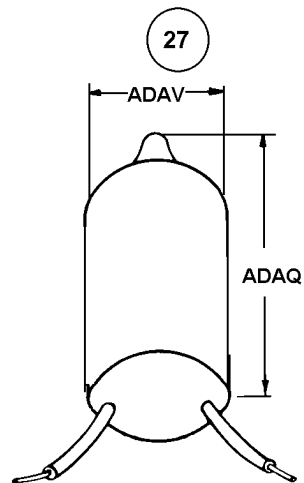
TUBE TYPE, 3 WIRE LEADS



TUBE TYPE, 4 WIRE LEADS



OVAL BODY, TAPER END, TUBE
3 WIRE LEADS



TUBE TYPE, 2 WIRE LEADS

Technical Data Tables

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective September 3, 2010

This change replaced with ISAC or and/or coding.